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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/718,442	11/20/2003	Thomas E. Creamer	BOC9-2003-0055 (426)	9830

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EXAMINER
WALSH, JOHN B

ART UNIT	PAPER NUMBER
2151	

MAIL DATE	DELIVERY MODE
10/09/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)
Office Action Summary	10/718,442	CREAMER ET AL.
	Examiner	Art Unit	
	John B. Walsh	2151	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE **3** MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☐ Responsive to communication(s) filed on _____.

2a) ☐ This action is **FINAL**.   2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1-22* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) *1-22* is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☒ The drawing(s) filed on *20 November 2003* is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some *   c) ☐ None of:

       1. ☐ Certified copies of the priority documents have been received.

       2. ☐ Certified copies of the priority documents have been received in Application No. _____.

       3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date *7/22/04; 1/10/07*.

4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2.   Claims 1, 2, 4-12, 14-16 and 18-22 are rejected under 35 U.S.C. 102(e) as being

anticipated by U.S. Patent No. 7,143,420 to Radhakrishnan.

As concerns claims 1, 15 and 22, providing Web services comprising: registering a

Web service with a service provider (column 14, lines 45-50); installing the Web service within

a service environment (column 14, lines 45-50); receiving a request for the Web service from a

service user, wherein said request is received within an application environment, and wherein

said application environment is disposed within a different network space than said service

environment (column 13, line 35); accessing said requested Web service across a gateway

(figure 10); and transporting service data for said Web service from a processor disposed in said

application environment to the service user (column 12, lines 35-39).

As concerns claims 2 and 16, wherein said application environment is an open Internet

environment (column 16, line 39), and wherein said service environment is at least one of a

trusted network environment and a secure network environment (column 13, line 42).

As concerns claims 4 and 18, wherein said accessing further comprises: initiating a

component within said gateway that is specific to said Web service (column 14, lines 45-50);

and, initiating a component (figures 6, 9 and 10) within said gateway that is applicable to multiple Web services (column 14, lines 45-50).

As concerns claims 5 and 19, said accessing further comprises: conveying information between the gateway and the application environment using a Common Request Broker Architecture (column 12, line 2).

As concerns claims 6 and 20, further comprising: responsive to receiving the request for the Web service, executing at least one Java servlet (column 9, line 60-column 10, line 15) within said application environment that initiates said accessing step.

As concerns claims 7 and 21, wherein said Web service is registered with a service registry, and wherein said received request results from said service user selecting said Web service from said service registry (column 14, lines 45-50).

As concerns claim 8, a system for providing Web services comprising: a Web service installed within a service environment (column 14, lines 45-50); an application server (column 13, line 35) configured to distribute said Web service to said client application, wherein said application server is disposed within an application environment; and a gateway (figure 10) between said application server and said installed Web service.

As concerns claim 9, wherein said Web service is associated with a Web Service Definition Language definition (column 15, lines 2-5).

As concerns claim 10, wherein said application server further comprises an application engine (inherent for application server to have a processor) configured to execute modular server-side applications.

As concerns claim 11, wherein said application server further comprises a component engine configured to provide interface routines for the applications of said application engine (inherent for application server to have software).

As concerns claim 12, further comprising: a communication link (inherent in network) for exchanging Web service data between said gateway and said application server, wherein said communication link utilizes a Common Object Request Broker Architecture (column 12, line 2).

As concerns claim 14, wherein said gateway further comprises: a function specific component configured for a particular Web service (column 14, lines 45-50); and a service component configured for a plurality of Web services (column 14, lines 45-50).

Claim Rejections - 35 USC § 103

3.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4.   Claims 3, 13 and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 7,143,420 to Radhakrishnan as applied above in view of U.S. Patent No. 7,184,534 to Birch et al.

Radhakrishnan '420 do not explicitly disclose wherein said gateway is a Parlay gateway.

Birch et al. '534 teach a Parlay gateway (145).

It would have been obvious to one having ordinary skill in the art to provide the system

of Radhakrishnan '420 with a Parlay gateway, as taught by Birch et al. '534, since such a

modification is merely a combination of known elements that would provide for expected results.
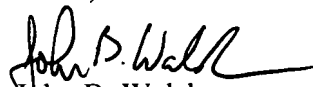
Conclusion

5.   The prior art made of record and not relied upon is considered pertinent to applicant's

disclosure. See USPTO-892.

6.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to John B. Walsh whose telephone number is 571-272-7063. The

examiner can normally be reached on Monday-Thursday from 7:00-5:30.

The fax phone number for the organization where this application or proceeding is

assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

John B. Walsh
Primary Examiner
Art Unit 2151